

## **RED HORSE Paves at Prince Sultan**

A team from the 819th RED HORSE Squadron, Malmstrom Air Force Base, Mont., deployed to Southwest Asia in October to pave a munitions supply road at Prince Sultan Air Base.

The dirt road serving the western munitions storage area there was in need of constant repair. Ruts and soft spots were making travel difficult. Rather than allow the road to deteriorate and become unstable and unusable for munitions operations, RED HORSE was called in to pave it.

The initial design for the project was complete in September, but once construction crews arrived on site it had to be modified due to equipment shortages. Repairing the road surface and preparing it for asphalt pavement required about 20,000 cubic meters of fill material. The crew straightened curves in the middle of the road, removed hills and filled low spots to level the overall road surface. Drainage was provided for on and around the road, and all sand piles on both sides of the road were removed or leveled.

The crew placed about 9,500 cubic meters of basecourse and used about 3,200 tons of asphalt to pave 7,000 feet (24 foot wide, or 34 foot including the shoulder) of dirt road.

The 17-member team finished the road in December, after honing their wartime readiness skills and providing a quality product to the customer. *(Capt Matt Benivegna, 819th RHS)*

## **Design-Build Project Underway at Charleston**

Construction began in January on a new \$18.1 million, 55,000 square foot, corrosion control facility at Charleston Air Force Base, S.C. Construction is scheduled for completion in early 2002.

The facility is being realized under a new contracting concept known as design-build. In the past, one firm designed a project and another firm built it. With the new design-build concept, one firm is now responsible for all phases of construction, including design. The project was awarded to the Austin Company, a firm that recently designed and built a facility at Tinker AFB, Okla.

The base also completed renovations on 20 military family homes in the Hunley Park housing area. During renovations, the homes were completely gutted, floor plans were rearranged and energy-efficient appliances were installed.

“Hunley Park renovations have been a labor of love for a number of years; a great success story and an award-winning project,” said Lt Col Jon Roop, 437th Civil Engineer Squadron commander. “It’s a great thing for the families that live here.” *(SrA Donald Church, 437th AW Public Affairs)*